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PTO/SB/17 (12-04)

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4618).**FEE TRANSMITTAL**  
**For FY 2005****Complete If Known**

Application Number	09/828,564
Filing Date	April 8, 2001
First Named Inventor	Joshi, Dr. Yogendra
Examiner Name	Patel, Mihir
Art Unit	3743
Attorney Docket No.	361007-000012

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**200.00****METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account: Deposit Account Number: **13-4385** Deposit Account Name: **Moore & Van Allen PLLC**  
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fees Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fees Paid (\$)
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra Claims	Fee (\$)	Fees Paid (\$)			
3	3-4	\$200.00	\$200.00			

HP = highest number of independent claims paid for, if greater than 3 \*Already paid for 4 independent claims.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(e).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fees Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x		

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: \_\_\_\_\_

<b>SUBMITTED BY</b>		
Signature	Registration No. (Attorney/Agent) <b>47,183</b>	Telephone (919) <b>286-8000</b>
Name (Print/Type) <b>Matthew W. Witall</b>	Date <b>11/04/2005</b>	

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## FACSIMILE

Moore &amp; Van Allen

FROM	Matt Witsil
DATE	November 4, 2005
TIME	

PAGES INCLUDING COVER SHEET	24	USER NUMBER	8308
CLIENT/MATTER	361007-000012		

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**Matt Witsil**  
Registered Patent Attorney

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## Attention:

LINE	NAME	COMPANY	TELEPHONE	FACSIMILE
1	Nihar B. Patel	US Patent and Trademark Office		(571) 273-8300
2				
3				
4				
5				
6				
7				

## Remarks:

Dear Examiner Patel,

An Amendment is attached that we request you enter into the record. The amendments address your comments ("Response to Arguments") from the Office Action dated September 7, 2005. We also discussed the amendments to claims 1, 39, 41 and 43 on the phone on October 6<sup>th</sup>, though you did not commit one way or another to entering them or whether they would place the claims in condition for allowance.

Thank you for your consideration

Matt Witsil

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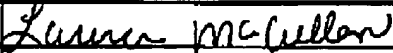
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/828,684	
	Filing Date	April 8, 2001	
	First Named Inventor	Joshi, Dr. Yogendra	
	Art Unit	3743	
	Examiner Name	PATEL, NIHIR B	
Total Number of Pages in This Submission	23	Attorney Docket Number	381007-000012

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavit/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.62 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notices, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	MOORE & VAN ALLEN PLLC		
Signature			
Printed Name	MATTHEW W. WITSIL		
Date	November 4, 2005	Reg. No.	47,163

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Laura McCullen	Date	November 4, 2005

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/828,564 Confirmation No. 6497  
Applicant : Joshi et al.  
Filed : April 6, 2001  
T.C./A.U. : 3743  
Examiner : Patel, Nihir B.  
Docket No. : 361007-000012  
Customer No. : 24,239  
For : Orientation-Independent  
Thermosyphon Heat Spreader

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

## AMENDMENT AND REPLY TO OFFICIAL ACTION

Sir:

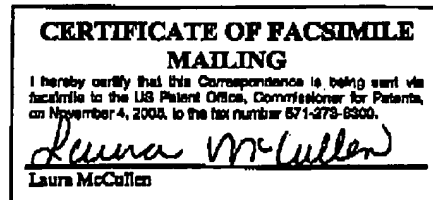
This Reply is in response to the Office Action dated September 7, 2005. Please amend the above-identified application as follows:

Amendments to the claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks/Arguments begin on page 12 of this paper.

11/07/2005 CNGUYEN 00000056 134365 09828564

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